| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1 | 10/757610 | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:33 |
| S3 | 1 | US-6624936-$.DID. | US-PGPUB; USPAT | OR | ON | 2005/04/07 19:50 |
| S4 | 2 | US-6317180-$.DID. OR US-6690438-$.DID. | US-PGPUB; USPAT | OR | ON | 2005/04/07 19:45 |
| S5 | 1 | "20030063236" | US-PGPUB; USPAT | OR | ON | 2005/04/07 19:46 |
| S7 | 43 | mirror with (user and image) and "349"/$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/11 14:40 |
| S8 | 35 | "mirror mode" and liquid adj crystal | US-PGPUB; USPAT | OR | ON | 2005/04/11 15:27 |
| S9 | 1 | "6624936".pn. | US-PGPUB; USPAT | OR | ON | 2005/04/11 15:33 |
| S12 | 1 | "20030063236" | US-PGPUB; USPAT | OR | ON | 2005/04/11 15:35 |
| S13 | 1 | "6317180".pn. | US-PGPUB; USPAT | OR | ON | 2005/04/11 15:35 |
| S14 | 1 | 10/771445 | US-PGPUB; USPAT | OR | ON | 2005/04/12 15:11 |
| S15 | 1 | 10/772251 | US-PGPUB; USPAT | OR | ON | 2005/04/12 15:13 |
| S16 | 1 | "6661482".pn. | US-PGPUB; USPAT | OR | ON | 2005/04/12 15:13 |
| S17 | 3 | ("5486935" | "5828488" | "6507380").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 15:13 |
| S18 | 1 | ("6661482").URPN. | USPAT | OR | ON | 2005/04/12 15:14 |
| S19 | 3429 | noguchi.in. | US-PGPUB; USPAT | OR | ON | 2005/04/12 15:59 |
| S20 | 55 | noguchi-koji.in. | US-PGPUB; USPAT | OR | ON | 2005/04/12 16:14 |
| S21 | 673 | "349"/$.ccls. and pre-tilt | US-PGPUB; USPAT | OR | ON | 2005/04/12 16:14 |
| S22 | 673 | "349"/$.ccls. and pre-tilt | US-PGPUB; USPAT | OR | ON | 2005/04/12 16:27 |
| S23 | 321 | 349/156.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/12 16:28 |
| S24 | 174 | S23 and rubbing | US-PGPUB; USPAT | OR | ON | 2005/04/12 17:15 |
| S25 | 62 | S23 and rubbing adj direction | US-PGPUB; USPAT | OR | ON | 2005/04/12 18:09 |
| S26 | 62 | 349/156.ccls. and (rubbing adj direction) | US-PGPUB; USPAT | OR | ON | 2005/04/12 18:14 |

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|---|---|---|---|---|---|---|
| S27 | 30 | ("3807833" \| "4139273" \| "4662721" \| "4673255" \| "4775225" \| "4791418" \| "4834510" \| "4924215" \| "4924243" \| "4950052" \| "5046830" \| "5150231" \| "5189540" \| "5204763" \| "5258865" \| "5268782" \| "5268783" \| "5299289" \| "5305126" \| "5305127" \| "5321533" \| "5327271" \| "5333074" \| "5357356" \| "5361152" \| "5381256" \| "5387445" \| "5450220" \| "5473450" \| "5490001").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 18:34 |
| S28 | 44 | ("5739882").URPN. | USPAT | OR | ON | 2005/04/12 18:39 |
| S29 | 98 | 349/126.ccls. | USPAT | OR | ON | 2005/04/12 18:40 |
| S30 | 1079 | (rubbing adj direction) with (parallel perpendicular) | USPAT | OR | ON | 2005/04/12 18:41 |
| S31 | 823 | S30 and "349"/$.ccls. | USPAT | OR | ON | 2005/04/12 18:41 |
| S32 | 26 | (rubbing adj direction) with (parallel perpendicular) with ((signal scan scanning gate data) adj line) | USPAT | OR | ON | 2005/04/12 19:13 |
| S39 | 2264 | "349"/$.ccls. and (rubbing adj direction) | US-PGPUB; USPAT | OR | ON | 2005/04/15 17:30 |
| S40 | 1760 | "349"/$.ccls. and (pre-tilt pretilt) | US-PGPUB; USPAT | OR | ON | 2005/04/15 17:30 |
| S42 | 2913 | "349"/$.ccls. and (transflective (reflective and transmissive)) | US-PGPUB; USPAT | OR | ON | 2005/04/15 17:31 |
| S43 | 832 | S39 and S40 | US-PGPUB; USPAT | OR | ON | 2005/04/15 17:31 |
| S44 | 269 | S39 and S42 | US-PGPUB; USPAT | OR | ON | 2005/04/15 17:31 |
| S45 | 99 | S43 and S44 | US-PGPUB; USPAT | OR | ON | 2005/04/15 17:31 |
| S46 | 2267 | "349"/$.ccls. and rubbing adj direction | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:21 |
| S47 | 1 | 10/757610 | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:29 |
| S48 | 235 | 349/134,136.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:29 |
| S49 | 234 | S48 and @ad<"20040114" | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:40 |
| S50 | 4 | rubbing adj direction with perpendicular with ((spacer adj wall) wall seal) | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:42 |

| S51 | 322 | 349/156.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:42 |
|-----|-----|---------------|-----------------|----|----|--------------------|
| S52 | 0 | S51 and rubbind adj direction | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:43 |
| S53 | 62 | S51 and rubbing adj direction | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:45 |
| S54 | 9 | wall with over with (scan scanning) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:47 |
| S55 | 14 | wall with over with (data) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/19 16:48 |
| S58 | 9 | rubbing adj direction with perpendicular with ((scan adj line) (data adj line) (scanning adj line)) | US-PGPUB; USPAT | OR | ON | 2005/04/20 14:47 |
| S59 | 98 | transflective and rubbing adj direction | US-PGPUB; USPAT | OR | ON | 2005/04/20 14:49 |
| S60 | 55 | noguchi-koji.in. | US-PGPUB; USPAT | OR | ON | 2005/04/20 14:49 |
| S61 | 322 | 349/156.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:34 |
| S62 | 308 | S61 and @ad<"20040101" | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:34 |
| S64 | 310 | S61 and @ad<"20040114" | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:36 |
| S65 | 56 | wall with along with (data scan scanning) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:54 |
| S67 | 23 | wall with parallel with (data scan scanning) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:45 |
| S68 | 37 | rubbing adj direction with parallel with (gate signal) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 15:46 |
| S69 | 56 | wall with along with (gate scan scanning) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:10 |
| S70 | 1 | S69 and 349/156.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:00 |
| S71 | 35 | rubbing adj direction with parallel with (data signal) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:09 |
| S72 | 235 | 349/134,136.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:18 |
| S73 | 87 | reverse adj tilt adj domain | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:23 |
| S74 | 7 | S73 and transflective | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:24 |
| S75 | 1 | S73 and (transmissive adj region) and (reflective adj region) | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:28 |
| S76 | 750 | 349/155-156.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:29 |

| S77 | 720 | S76 and @ad<"20040117" | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:30 |
|-----|-----|------------------------|------------------|-----|-----|------------------|
| S78 | 649 | S76 and @ad<"20030117" | US-PGPUB; USPAT | OR | ON | 2005/04/20 16:30 |
| S79 | 17 | (US-20040109099-$ or US-20040113545-$ or US-20040004677-$ or US-20010026340-$ or US-20020180673-$).did. or (US-5268782-$ or US-5739882-$ or US-6211937-$ or US-6747722-$ or US-6788372-$ or US-6788381-$ or US-6852374-$ or US-6266121-$ or US-6344889-$ or US-6800338-$ or US-6633355-$ or US-6864945-$).did. | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:26 |
| S80 | 48 | pre-tilt adj angle with "20" | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:35 |
| S81 | 11 | pre-tilt adj angle with "20" with degrees | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:37 |
| S82 | 4 | ocd adj mode | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:36 |
| S83 | 29 | pretilt adj angle with "20" with degrees | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:38 |
| S85 | 1 | "6266121".pn. | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:01 |
| S86 | 1 | S85 and wall with parallel | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:02 |
| S87 | 1 | S85 and wall with along | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:02 |
| S88 | 75 | wall with (parallel along) with (gate scan scanning) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:16 |
| S90 | 64 | spacer with (parallel along) with (gate scan scanning) adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:16 |
| S92 | 64 | S90 | US-PGPUB; USPAT | OR | ON | 2005/04/20 19:27 |
| S93 | 322 | 349/156.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:19 |
| S94 | 8 | wall with parallel with gate adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:21 |
| S95 | 20 | wall with along with gate adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:22 |
| S96 | 8 | wall with perpendicular with data adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:23 |
| S97 | 7 | wall with perpendicular with signal adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:25 |

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|---|---|---|---|---|---|---|
| S98 | 3788 | wall adj spacer | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:26 |
| S99 | 261 | S98 and "liquid crystal" | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:28 |
| S10 0 | 24 | wall with over with gate adj line | US-PGPUB; USPAT | OR | ON | 2005/04/20 20:32 |
| S10 1 | 498 | 349/155.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/20 21:05 |
| S10 2 | 19 | (US-20040109099-$ or US-20040113545-$ or US-20040004677-$ or US-20010026340-$ or US-20020180673-$ or US-20040179159-$ or US-20040178724-$).did. or (US-5268782-$ or US-5739882-$ or US-6211937-$ or US-6747722-$ or US-6788372-$ or US-6788381-$ or US-6852374-$ or US-6266121-$ or US-6344889-$ or US-6800338-$ or US-6633355-$ or US-6864945-$).did. | US-PGPUB; USPAT | OR | ON | 2005/04/20 21:06 |
| S10 3 | 10 | ("5952676" \| "5978061" \| "6016181" \| "6072557" \| "6195140" \| "6295109" \| "6341002" \| "6525788" \| "6620655" \| "6639639").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 21:06 |
| S10 4 | 9 | ("4367924" \| "4682858" \| "5699139" \| "5815230" \| "5877836" \| "6184967" \| "6195147" \| "6337730" \| "6603528").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 21:06 |
| S10 5 | 9 | ("3978580" \| "5400157" \| "5452114" \| "5499128" \| "5559621" \| "5576865" \| "5719653" \| "5838414" \| "6067144").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 21:07 |
| S10 6 | 12 | ("3623961" \| "3679941" \| "3769108" \| "3783056" \| "3800412" \| "3832230" \| "3909930" \| "3936930" \| "3938242" \| "3939556").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 21:07 |
| S10 7 | 6 | ("4386293" \| "4682858" \| "4976516" \| "5268782" \| "5307190" \| "5399390").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 21:20 |
| S10 8 | 1 | 10/757610 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 09:39 |
| S10 9 | 1 | 10/464772 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 09:44 |

| S110 | 2 | "6654076" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 10:21 |
|---|---|---|---|---|---|---|
| S111 | 1 | "20020075441" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 10:21 |
| S112 | 1 | 10/757610 | US-PGPUB; USPAT | OR | ON | 2005/11/04 19:04 |
| S113 | 9450 | projector and (pulse ad width adj modulation pwm) | US-PGPUB; USPAT | OR | ON | 2005/11/04 19:05 |
| S114 | 2770 | projector and (pulse ad width adj modulation pwm) with control | US-PGPUB; USPAT | OR | ON | 2005/11/04 19:05 |
| S115 | 1051 | projector and (pulse ad width adj modulation pwm) with control and liquid adj crystal | US-PGPUB; USPAT | OR | ON | 2005/11/04 19:05 |